

Technical Support towards the Preparation of Guyana's Second Nationally Determined Contribution to the Paris Agreement

Job Title: Consultancy to Prepare Guyana's Second Nationally Determined Contribution

Location: Virtual, with possible travel to Guyana

Additional Category: Energy, Environment and Extractive Industries

Post Level: Firm

Languages Required: English

Duration of Contract: 7 Months during the period of November 2020- May 2021.

Application Deadline: 16 October 2020

Background:

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Guyana is categorized as a Small Developing State with the attendant limitations of a small open economy, limited technological, technical, financial, and human resources. Approximately ninety percent of the estimated population of 751,000 resides in the coastal zone. Georgetown, the Capital has a population of approximately 200,000 in its greater metropolitan area. Until December 2019 when oil production commenced, services and agriculture were the country's major economic activities, accounting for 53 percent and 16 percent respectively of GDP. Except for forestry, all agricultural products (sugarcane, rice, other crops, livestock, and fishing) emanates from the coastal area.

Most of the services industries are in Georgetown and along the remaining coast, with only a small concentration in Linden and north of Linden along the Demerara river. Other major economic activities and investments outside Georgetown and the coast consist mainly of large and small-scale mining, mostly on major rivers.

Guyana is also classified as a net carbon sink due to the country's low emissions (relative to international levels) and its vast forest resources, which sequester and store carbon. In 2016 the total level of GHG emissions of Guyana, excluding the Land Use, Land Use Change, and Forests sector, amounted to 4,213 GgCO₂e. The Energy and Transport sector is the largest emitter with 55%, followed by Agriculture with 40% (Guyana's Draft Third National Communication).

The Paris Agreement stipulates that all parties should communicate either new or updated Nationally Determined Contributions (NDCs) in 2020, depending on the time frame of their first NDCs. Guyana submitted its first NDC on November 23rd, 2015, with targets for 2025 in the energy and forest Sectors. Guyana's NDC time frame of five years requires the submission of a new NDC that would outline the progression, as per Article 4.3 of the Paris Agreement and demonstrate the commitment of the country's climate change mitigation ambitions, in accordance with the Intergovernmental Panel on Climate Change's 2018 Special Report on 1.5°C to cut global greenhouse gas (GHG) emissions by 45% by 2030 and achieve net-zero emissions by 2050. Guyana's new NDC is to be prepared in accordance with the guidance contained in the Decision 1/CP.21, Decision 4/CMA.1 and its Annex I on the guidance for Information to provide Clarity, Transparency and Understanding (ICTU) of NDCs. This will ensure that the mitigation targets for Guyana's new NDC reflect increased ambitions in support of the Intergovernmental Panel on Climate Change (IPCC) Special Report on Global Warming of 1.5 °C (SR15).

The elaboration of Guyana's second NDC aims to raise national mitigation commitments aligned with the objectives

of the Paris Agreement, and the Draft National Climate Change Policy and Action Plan (2019). The scope of Guyana's new NDC will encompass actions to increase mitigation ambitions in keeping with the global call, by enhancing actions in the current NDC and include two additional emitting sectors: agriculture sector and the transport sectors as a sub-sector of energy. The selected sectors will be informed by data and information obtained from recently completed policies and assessments at the national and sectoral levels including inter alia, Guyana's Third National Communication (draft) to the United Nations Framework Convention on Climate Change (UNFCCC), best practices where available for the identified sectors, the Draft Energy Policy, the Draft National Climate Change Policy and Action Plan (2019) and the National Forest Policy and Plan (2018).

This process will provide greater policy coherence, strengthen current actions and incorporate new policy instruments to reflect increased ambition by building on the existing, knowledge about the cost-effective policies and measures that can be adopted, implementing already known and cost-effective technologies, and adopting best practices already deployed.

The United Nations Development Programme (UNDP) through the Climate Promise (CP) initiative is providing support to the Government of Guyana (GoG) to pursue enabling initiatives in the preparation of Guyana's Second Nationally Determined Contribution (NDC) under the United Nations Framework Convention on Climate Change (UNFCCC) and the Paris Agreement. The national lead technical agency is the Office of Climate Change (OCC), Ministry of the Presidency working closely with the Ministry of Finance, the Ministry of Foreign Affairs, the National Climate Change Committee, the identified sector representatives and the Working Group for the preparation of Guyana's Second NDC.

Duties and Responsibilities

1.1 General Tasks

- Prepare and implement a work plan for the elaboration of the NDC within the agreed time frame.
- Facilitate effective national stakeholder consultations including engagement with key stakeholders as part of the NDC preparation process, under the guidance of the Office of Climate Change, to ensure that all activities are coherent and inclusive.
- Review all relevant national and other related documents which serve as key inputs for the preparation of the NDC.
- Collaborate with the sector agencies to identify conditional and unconditional actions for implementation.
- Collaborate where applicable the work/inputs from other developing partners providing support for the preparation of the new NDC
- Organize, plan and prepare relevant in-country exchanges, as part of the NDC revision as guided by the Office of Climate Change for stakeholder feedback and validation.
- Ensure the NDC is elaborated in accordance with the Enhanced Transparency Framework of the Paris Agreement
- Prepare inputs and documentation about the NDC development process.

Specific Tasks

The consultants will be responsible for all aspects of this assignment including but not limited to managing the consultative processes, quality-assuring reports/ deliverables submitted, ensuring gender considerations are included and ensuring assignment timelines are adhered to for the specific tasks, duties and responsibilities, which include:

1. Develop an inception report including a stakeholder engagement plan and a detailed work plan for the implementation of all assigned tasks as per the approved Climate Promise Work Plan and gain agreement from the National Climate Change Committee, the National Working Group for the Preparation of Guyana's Second

NDC, the Ministry of Foreign Affairs and Ministry of Finance and the lead technical agency (Office of Climate Change)

Review, align and update existing targets, policies and measures. Specific activities include:

2. Develop a final report on the stock-taking of the country's current progress on the existing NDC and provide recommendations to be considered for the second NDC.
3. Review existing and/or new relevant policies, strategies, targets, plans and assessments to guide the creation of commitments in the NDC guided by Guyana's draft Third National Communication, draft National Climate Change Policy and Action plan, sector policies and plans recently completed or in the pipeline and other relevant draft or final national documents). More specifically, this would require:
 - The review of the national and sectoral policy documents,
 - Alignment of NDC targets/priorities to long-term policies/strategies, sub-national plans and budgets, and/or sectoral plans (Recently completed or in the pipeline)
 - The identification of possible actions that can be incorporated into the NDC is based on the findings.
4. Update targets in the current NDC utilizing recently completed studies and assessments with the most robust data, information and/or modelling.
 - The review, update and development of elements of the NDC to identify and/or seize opportunities for enhanced ambition, including national and sectoral benchmarks for meeting the relevant national targets to be achieved by 2030: national emission projections and sectoral trends, including those for clean technology; current economic and development trends and other key assumptions; and baseline and scenarios based on the inputs provided by the team of national experts, and confirm all with the national technical working group and the Office of Climate Change; provision of suggestions on how to link this work to green and more resilient recovery efforts in the context of COVID 19;

Incorporate new sectors and/or greenhouse gases. Specific activities include

5. Develop medium-term targets and supporting framework for implementation for the transport sector.
 - This will include utilizing the outputs from the Third National Communication and where applicable and available models to establish the baseline, identify, define, and set medium-to-long term mitigation targets for the transport sector
6. Develop medium-term targets and supporting framework for implementation for the Agriculture sector.
 - This will include utilizing the Third National Communication, where available and applicable the models for establishing the baseline, identify, define, and set medium-to-long term mitigation targets for the agricultural sector. This process will also provide information on mitigation/adaptation co-benefits for the sector.

General:

7. Presentation and validation of NDC report, including using visualization tools
8. Production of the final NDC documents/ report in consultation with the OCC, Ministry of Finance, Ministry of Agriculture, Ministry of Public Infrastructure, Ministry of Natural Resources, Ministry of Foreign Affairs, other key national counterparts, and UNDP.

Expected outputs

1. Inception report including detailed work plan and a stakeholder engagement plan
2. Final report on Stock Take Analysis
3. Final report on the updated targets in the current NDC including findings of the review of existing and/or new relevant policies, strategies and targets
4. Final report on the medium-term targets and supporting framework for implementation for the transport and agriculture sectors
5. Draft new NDC report/ documents
6. Stakeholder Validation report

7. The final new NDC report/ documents including an annex on the stakeholder engagement process.

Note: The process towards finalizing all reports/ deliverables must include the review of related draft reports and incorporation of feedback from the OCC, UNDP and national counterparts.

Expected Outputs and Deliverables

The Consultant is expected to deliver the following:

<i>Deliverable</i>	<i>Timing (after the commencement of contract)</i>	<i>Payments</i>
1. Inception brief – outlining #1 of the expected outputs	2 Weeks	
2. Final report on Stock Take Analysis	6 Weeks	15%
3. Final report on the updated targets in the current NDC including findings of the review of existing and/or new relevant policies, strategies, and targets	9 Weeks	
4. Final report on the medium-term targets and supporting framework for implementation for the transport and agriculture sectors	16 Weeks	25%
5. Draft NDC report/ documents	24 Weeks	15%
6. Final Stakeholder validation report and presentation to key stakeholders	26 Weeks	
7. Final report new NDC report/ documents	28 Weeks	45%

Approval: Review of the deliverables regarding quality and timeliness will be undertaken by the Office of Climate Change in consultation with the UNDP Country Office.

Payment Schedule of Deliverables

Payments will be made upon submission and approval of the following:

15% Final Stocktake Analysis

25% Final Report on Medium-Term Targets for the Transportation and Agriculture Sectors

15% Draft NDC Report

45% Approved Final NDC report

Implementation Arrangements:

The Consultants will perform the afore-mentioned tasks and produce the respective outputs and products over a period of 6 months. They will work under the overall guidance of the UNDP Resident Representative and in close collaboration with the Head, Office of Climate Change and Head of UNDP CO Energy, Environment, and Extractive Industries Unit. The Consultant will also work closely with the National Climate Change Committee, the Ministry of Finance, Ministry of Foreign Affairs and leadership from the identified sectors, Permanent Secretaries or their representatives among other stakeholders.

Location:

The consultant will work from their home base including virtual engagements with the execution of 2 missions to Georgetown Guyana (7 working days each). Travel will be a reimbursable expense if possible. This would be based on prior approval from UNDP in keeping with UNDP's policy and National measures in place for COVID-19.

Required Qualifications, Skills and Experience

Firm:

- Minimum 5 years' experience in business of a similar nature; completion of at least 3 similar assignments.
- Proven knowledge of intended Nationally Determined Contributions or Nationally Determined Contributions development based on the internationally recognized methodologies as well as knowledge of the goal and requirements of the Paris Agreement on climate change.
- Proven experience in formulation/update of NDCs in Latin America and the Caribbean region countries and in the Caribbean region is preferred.
- Sound experience in assessment of socio-economic impacts of climate change mitigation measures.
- Proven experience with development of low-carbon and green economy concept, strategies and references to substantiate works being undertaken by firm.

Team Leader: A Master's degree) in Climatology/Environmental Sciences, renewable energy, economics, or other closely related fields; Minimum of 8 years' experience in the area of climate change mitigation focused on inventories or alternatively a PhD degree in the above mentioned field with a minimum of 3 years' experience, GHG emissions monitoring, reporting and verification; experienced in writing technical reports.

Mitigation Specialist: A Master's degree in renewable energy, transportation, agriculture, Forestry or related environmental field.

Minimum 5 years' experience in conducting assignments relevant to this consultancy in the fields of renewable energy, transportation, or agriculture or alternative a PhD in the above-mentioned field with a minimum of 3 years' experience. The specialist must demonstrate knowledge of UNFCCC MA analysis methodologies, guidelines, and tools.

Additional Team Members: Maximum of two additional team members. The additional team members must consist of a national counterpart.

Team Member 1 - Minimum, Bachelor's degree in renewable energy, transportation, agriculture, forestry, or related environmental engineering field. At least 8 years' experience in conducting assignments relevant to this consultancy in the fields of renewable energy, transportation, or agriculture. The team member should be able to provide technical support if necessary and where applicable.

Team Member 2 (National counterpart): Bachelor's degree in environmental science, environmental management, environmental engineering, or related field.

Minimum 3 years of demonstrable experience in coordinating consultancy teams for the execution of projects and experience supporting the organization of events and workshops.

The individual must demonstrate experience in supporting NDC and/ or other national Environmental Reports. The national counterpart should be based in Guyana for the duration of the assignment with the responsibility of providing assistance and executing tasks as necessary to facilitate the process of gathering relevant information for the development of the NDC report in consultation with the project's Lead Consultant.

Language of all team members: Fluency in English with strong presentation, writing and analytical skills.

Criteria for selection

Selection criteria will be based on qualification, knowledge and experience. The proposal will be weighted at a maximum of 100 points with a 70% pass rate. This will be broken down in the following manner:

Criteria for Selection		Points Allocated Per Criteria
	Experience of Firm <ul style="list-style-type: none"> Minimum of 5 years' experience in business in the area of climate change mitigation focused on GHG emission inventories from the sectors of economy, GHG emissions monitoring, reporting and verification; Proven knowledge of I(NDC) development based on the internationally recognized methodologies as well as knowledge of the goal and requirements of the Paris Agreement on climate change; Proven experience in formulation/update of NDCs in Latin America and the Caribbean region countries and in particular in the Caribbean region, is preferred Sound experience in assessment of socio-economic impacts of climate change mitigation measures; Proven experience with development of low-carbon and green economy concept, strategies and action plans 	15
	Methodology	25
	Clearly articulated proposal and methodology to undertake the assignment in a rapidly changing and fluid environment	25
	Qualifications & Experience	60
	<p>Team Leader: University degree (A Master's degree or equivalent) in Climatology/Environmental Sciences, renewable energy, economics or other closely related fields; Minimum of 8 years' experience in the area of climate change mitigation focused on inventories and assessment of the sectors of economy or alternatively a PhD degree in the above mentioned field with a minimum of 3 years' experience in Green House Gas emissions monitoring, reporting and verification; experienced in writing technical reports</p> <p>Mitigation Specialist: A Master's degree in renewable energy, transportation, agriculture, forestry, or related environmental field. At least 5 years' experience in conducting assignments in the fields of renewable energy, transportation, or agriculture or alternatively a PhD in the above-mentioned field with a minimum of 3 years' experience. The specialist must demonstrate knowledge of UNFCCC MA analysis methodologies, guidelines, and tools.</p> <p>A maximum of two additional team members.</p> <p>Team Member 1 At a minimum, a Bachelors' degree in renewable energy, transportation, agriculture, forestry, or related environmental engineering field. At least 8 years' experience in conducting assignments relevant to this consultancy in the fields of renewable energy, transportation, or agriculture.</p> <p>Team Member 2 (National counterpart): Bachelor's degree in environmental science, environmental management, environmental engineering or related field. At least 3 years of demonstrable experience in coordinating consultancy teams for the execution of projects and experience supporting the organization of events and workshops.</p>	<p>25</p> <p>15</p> <p>10</p>

	All team members: Fluency in English with strong presentation, writing and analytical skills	10
Total technical score (Passing Rate = 70%)		100 pts
Financial criteria = 30%		